AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A method for enabling user context-aware notification in a mobile device, comprising:

gathering a user's physical context information from one or more sources;

gathering user-specific location and schedule information from one or more sources;

processing the user's physical context information and the user-specific location and schedule information to derive user-context information; and

directing the mobile device to modify its notification behavior based on the user context information.

2. (Original) The method according to Claim 1 wherein the notification behavior includes one of disabling the mobile device notification, lowering a volume of the mobile device notification, raising the volume of the mobile device notification, entering a silent mode, entering a vibrate-only mode, emitting a beep from the mobile device, causing a display screen on the mobile device to flash and causing a light emitting diode ("LED") on the mobile device to blink.

3. (Canceled).

4. (Previously Presented) The method according to Claim 1 wherein gathering the user's physical context information includes gathering at least one of ambient light information, tactile information, ambient noise information, accelerometer information and orientation information.

5. (Previously Presented) The method according to Claim 1 wherein gathering user-specific location and schedule information includes gathering at least one of a user calendar information, a user location, a time of day and a date.

6. (Previously Presented) The method according to Claim 4 wherein gathering the user's physical context information includes gathering the user context information from at least one of a light sensor, a tactile sensor, an ambient noise microphone, an accelerometer and an orientation sensor.

7. (Previously Presented) The method according to Claim 5 wherein gathering the user-specific location and schedule information includes gathering the other context information from at least one of a user calendar program and the mobile device.

8. (Original) The method according to Claim 1 wherein processing the user context information further comprises processing a user preference with the user context information.

9. (Currently Amended) The method according to Claim ~~1~~8 wherein the user preferences include at least one of a default set of preferences, a customized set of preferences and a learned set of preferences.

10. (Previously Presented) An apparatus, comprising:

at least one module capable of

gathering and processing user physical context information and user-specific location and schedule information from one or more sources; and

processing the user's physical context information and the user-specific location and schedule information to derive user-context information;

the at least one module further capable of directing the mobile device to modify its notification behavior based on the user context information; and

a notification mechanism capable of modification based on the user context information.

11. (Canceled).

12. (Previously Presented) The apparatus according to Claim 10 wherein the at least one module is further capable of gathering at least one of light information, tactile information, ambient noise information, accelerometer information and orientation information.

13. (Previously Presented) The apparatus according to Claim 10 wherein the at least one module is further capable of gathering at least one of a user calendar information, a user location, a time of day and a date.

14. (Previously Presented) The apparatus according to Claim 10 further comprising at least one of:

a light sensor;
a tactile sensor;
an ambient noise microphone;
an accelerometer; and
an orientation sensor.

15. (Original) The apparatus according to Claim 10 wherein the at least one module is capable of processing a user preference with the context information.

16. (Original) The apparatus according to Claim 10 wherein the at least one module comprises a preprocessing module and a context processing module.

17. (Previously Presented) An article comprising a machine-accessible medium having stored thereon instructions that, when executed by a machine, cause the machine to:
gather user's physical context information from one or more sources;
gather user specific schedule and location information from one or more sources;
process the user's physical context information and the user-specific location and schedule information to derive user-context information; and
direct the mobile device to modify its notification behavior based on the user context information.

18. (Original) The article according to Claim 17 wherein the instructions, when executed by the machine, further cause the machine to direct the mobile device to perform at least one of disabling the mobile device notification, lowering the volume of the mobile device notification and raising the volume of the mobile device notification.

19. (Original) The article according to Claim 18 wherein the instructions, when executed by the machine, further cause the machine to gather physical context information and other context information.

20. (Original) The article according to Claim 19 wherein the instructions, when executed by the machine, further cause the machine to gather at least one of light information, tactile information, ambient noise information, accelerometer information and orientation information.

21. (Original) The article according to Claim 19 wherein the instructions, when executed by the machine, further cause the machine to gather at least one of a user calendar information, a user location, a time of day and a date.

22. (Previously Presented) The article according to Claim 19 wherein the instructions, when executed by the machine, further cause the machine to gather the user's physical context information from at least one of a light sensor, a tactile sensor, an ambient noise microphone, an accelerometer and an orientation sensor.

23. (Previously Presented) The article according to Claim 19 wherein the instructions, when executed by the machine, further cause the machine to gather the user specific location and schedule information from at least one of a user calendar program and the mobile device.

24. (Original) The article according to Claim 17 wherein the instructions, when executed by the machine, further cause the machine to process a user preference with the user context information.